Course Information

Course Number/Section	OPRE 3310-001 (83678)
Course Title	Operations Management
Term	Fall 2016

Professor Contact Information

Professor	Jim Hogan, CPSM, C.P.M., CPIM
Office Phone	469.766.3366
Other Phone	
Email Address	Use UTD email, jwh085000@utdallas.edu or elearning messages
Office Location	JSOM – 2.112
Office Hours	By appointment, 11:00-12:00 MWF
Other Information	no TA assigned

About the Instructor

Jim Hogan, CPSM, C.P.M., CPIM, is an Adjunct Instructor and Lecturer in the Jindall School of Management. He teaches undergraduate and graduate courses in Operations and Supply Chain Management. He joined UTD in 2009 and has worked in industry for over 30 years in various Operations, Purchasing, Procurement, Materials, and Supply Chain Management roles. He has a background in manufacturing and government industry sectors with leadership assignments at General Electric, Trane, Carrier, Applied Materials, FSI International, AMX Corporation, Steelcase, Brooks Instrument and Choctaw Nation of Oklahoma.

Course Pre-requisites, Co-requisites, and/or Other Restrictions

MATH 1326 or MATH 2 MATH 1326 or MATH 2414 or MATH 2419 and MATH 2333 or MATH 2418 or CS 2305 or OPRE 3333. Prerequisite or corequisite: STAT 3360 or OPRE 3360.

Course Description

This course teaches concepts useful in efficiently managing the transformation of materials, labor, and capital into products or services. Topics covered include: the role of operations management in overall competitive strategy, key performance measures, and tools for improving operations performance. The level of discussion varies from long-term strategic planning to daily control of business processes

Student Learning Objectives/Outcomes

Students will understand the role operations management plays in business processes. Upon completion of the course, students will also be able to:

- Quantitatively analyze and interpret operations information
- Solve typical operations management problems
- Document and report operations performance
- Recognize and address ethical issues that arise when managing operations

Required Textbooks and Materials

Required Texts
Operations Management by William J. Stevenson, 12th Edition
ISBN 978-0-07-802410-8
Irwin/McGraw Hill
 (10th or 11th edition of same text may also be used as well as loose-leaf editions.) DO NOT PURCHASE ANY EDITION EARLIER THAN 10TH EDITION.

Required Materials
Calculator (any)

Suggested Course Materials

Suggested Readings/Texts
None
Suggested Materials
Laptop or notebook computer – lectures and assignments will be posted in elearning.

Textbooks and some other bookstore materials can be ordered online through Off-Campus Books http://www.offcampusbooks.com or the UT Dallas Bookstore http://www.bkstr.com/texasatdallasstore/home. They are also available in stock at both bookstores.

<u>Course Policies</u>

Makeup Exams

Students are expected to take exams on the scheduled dates. Make up exams will be available due to conflicts with approved university events or in the case of serious illness.

Extra Credit

There will be multiple opportunities for students to earn extra credit. However, there will be restrictions on how much extra credit a student may earn. Therefore you are encouraged to study and prepare for the major exams. Extra credit opportunities will be announced during the semester.

Late Work

There will be a 24 hour grace period to submit homework assignments after the due date/time. However, there will be a 15% reduction in grade for submitting assignments during the grace period. After the 24 hour grace period no homework assignment will be accepted regardless of reason. There is no grace period for any extra credit assignments.   Homework should be submitted through the Assignments feature in e-learning. Attaching homework to email or e-learning messages is NOT a valid method of submitting homework.

Special Assignments

Instructor will hold several live web conferences throughout the semester. Students are strongly encouraged to attend the live sessions or as a minimum view the recording of the session.

Class Participation

Students are required to login regularly to the online class site. The instructor will use the tracking feature in eLearning to monitor student activity. Students are also encouraged to participate in all class activities such as discussion board, chat or conference sessions and group projects. Your instructor communicates weekly with students. You should check for new e-learning messages, announcements and discussion posts every day.

Technical Requirements

In addition to a confident level of computer and Internet literacy, certain minimum technical requirements must be met to enable a successful learning experience. Please review the important technical requirements http://www.utdallas.edu/elearning/students/getting-started.html#techreqs on the Getting Started with eLearning webpage http://www.utdallas.edu/elearning/students/getting-started.html.

Course Access and Navigation

The course can be accessed using the UT Dallas NetID account at: https://elearning.utdallas.edu. Please see the course access and navigation http://www.utdallas.edu/elearning/students/getting-started.html#courseaccessandnav section of the site for more information.

To become familiar with the eLearning tool, please see the Student eLearning Tutorials http://www.utdallas.edu/elearning/students/eLearningTutorialsStudents.html.
UT Dallas provides eLearning technical support 24 hours a day/7 days a week. The eLearning Support Center http://www.utdallas.edu/elearninghelp services include a toll free telephone number for immediate assistance (1-866-588-3192), email request service, and an online chat service.

Communication

This course utilizes online tools for interaction and communication. Some external communication tools such as regular email and a web conferencing tool may also be used during the semester. For more details, please visit the eLearning Tutorials webpage http://www.utdallas.edu/elearning/students/eLearningTutorialsStudents.html for video demonstrations on eLearning tools.

Student emails and discussion board messages will be answered within 3 working days under normal circumstances.

Distance Learning Student Resources

Online students have access to resources including the McDermott Library, Academic Advising, The Office of Student AccessAbility, and many others. Please see the eLearning Current Students page http://www.utdallas.edu/elearning/students/cstudents.htm for details.

Server Unavailability or Other Technical Difficulties

The University is committed to providing a reliable learning management system to all users. However, in the event of any unexpected server outage or any unusual technical difficulty which prevents students from completing a time sensitive assessment activity, the instructor will provide an appropriate accommodation based on the situation. Students should immediately report any problems to the instructor and also contact the online eLearning Help Desk http://www.utdallas.edu/elearninghelp. The instructor and the eLearning Help Desk will work with the student to resolve any issues at the earliest possible time.

Assignments & Academic Calendar

UNIT/ DATES	TOPIC/LECTURE	READING	ASSESSMENT / ACTIVITY	DUE DATE
1 MWF 8/22- 8/26	Unit 1 Intro to OM	Chapter 1	**Syllabus quiz** Student Self-Introduction Video Operations Management at Nestle	9/5 at 5pm
2 MWF 8/29- 9/2	Unit 2 Competitiveness, Strategy, Productivity	Chapter 2	None	None
3 WF 9/5- 9/9 No class Mon due to Holiday	Unit 3 Forecasting	Chapter 3	Homework 1 Interactive Forecasting Extra Credit Opportunity	9/16 at 5pm

4 MWF 9/12- 9/16	Unit 3 Forecasting	Chapter 3	Homework 1 Interactive Forecasting Extra Credit Opportunity Video Forecasting at Hard Rock Cafe	9/16 at 5pm
5 **MWF** **9/19- 9/20**	**Exam 1 – Ch 1,2,3 Testing Center Reservation Required**	**Bring calculator** **Formula sheet provided** **No scantron needed**		
5 MWF 9/19-- 9/23	Unit 4 Management of Quality	Chapter 9	Video A day in the Life of Quality at Honda Extra Credit Opportunity	
6 MWF 9/26- 9/30	Unit 4 Management of Quality	Chapter 9	Video A day in the Life of Quality at Honda Extra Credit Opportunity	
7 MWF 10/3- 10/7	Unit 5 Quality Control	Chapter 10	Homework 2	10/14 at 5pm

8 MWF 10/10- 0/14	Unit 5 Quality Control Unit 6 Supply Chain Management	Chapter 10 Chapter 15	Homework 2 Homework 3 Extra Credit Opportunity	10/14 at 5pm 10/21 at 5pm
9 MWF 10/17-10/21	Unit 6 Supply Chain Management	Chapter 15	Homework 3 Extra Credit Opportunity	10/21 at 5pm
10 MWF 10/24-10/25	**Exam 2 – Ch 9,10,15 Testing Center**	**Bring calculator** **Formula sheet provided** **No scantron needed**		
10 MWF 10/24-10/28	Unit 7 Inventory Management	Chapter 13	Homework 4 Video APL Logistics	11/4 at 5pm
11 MWF 10/31- 11/4	Unit 7 Inventory Management	Chapter 13	Homework 4 Video APL Logistics	11/4 at 5pm
12 **MWF** **11/7-11/8**	**Assessment Quiz – Chap 13 Testing Center**	**Bring calculator** **Formula sheet provided** **No scantron**		
12 MWF 11/7- 11/11	Unit 8 Aggregate Planning	Chapter 11		

13 MWF 11/14-11/18	Unit 9 MRP/ERP	Chapter 12	Homework 5	12/2 at 5pm
14 No Class 11/21-11/25	**Fall Break – No Classes** **Happy Thanksgiving** **Go Cowboys!**			
15 MWF 11/28-12/2	Unit 9 MRP/ERP	Chapter 12	Homework 5	12/2 at 5pm
16 MWF 11/28- 12/2	Unit 9 MRP/ERP Unit 10 Lean	Chapter 12 Chapter 14	Homework 5	12/2 at 5pm
17 MWF 12/5- 12/7 **12/7 LAST CLASS DAY**	Unit 10 Lean	Chapter 14	Click here to enter text.	Click here to enter text.
Finals **12/12-12/13**	**Exam 3** **Chap 11,12,13,14** **Testing Center**	**Bring calculator** **Formula sheet provided** **No scantron**		

Proctored Final Exam Procedures
If your course has a proctored exam requirement, please see the Student Success Center Proctored Exam website
http://www.utdallas.edu/studentsuccess/testingcenter/proctored_exams/index.html to make arrangements.

Grading Policy

Your professor will award + grades but not – grades at the end of the semester. For example a student may receive a B+ or B but not a B-. The break points between A+ vs A, B+ vs B cannot be determined until all grades have been posted at the end of the semester.   Your instructor will change a final letter grade if a calculation error is made. Therefore your instructor requests students to NOT request a final letter grade change or any special consideration or additional extra credit assignments.

Weights

Homework (5 assignments)	15	%
Exam 1	25	%
Exam 2	25	%
Exam 3	25	%
Assessment Quiz	10	%
Total		100%

Grading Scale

Semester Average	Letter Equivalent
97.5-100	A+
90-97	A
87.5-89	B+
80-87	B
77.5-79	C+
70-77	C
60-69	D
Less than 60	F

<u>**Assignments**</u>

There will be 5 graded homework assignment. To receive full credit you must submit the assignment through e-learning on or before the due date/time. You are encouraged to use Excel graphs and formulas on 4 of 5 homework assignments to boost your skill in this very important tool. As a reward for using Excel there will be bonus points to be added to your final

homework average. The amount of bonus points for excel usage will be announced with each homework assignment

Group Projects
None

Assignment submission instructions
Locate the assignment in your eLearning course. You will submit your assignments in the required file format with a simple file name and a file extension.
To submit your assignment

- Click the assignment name link and follow the on-screen instructions
- Upload (attach) your file(s).
- Click the Submit button. (**NOTE: IF YOU DO NOT CLICK SUBMIT YOU HAVE NOT SUBMITTED YOUR ASSIGNMENT).**

Your must click the SUBMIT button for your assignment to be submitted.
For additional information on how to submit assignments, view the Submitting An Assignment video tutorial.

Please Note: Each assignment link will be deactivated after the assignment due time. After your submission is graded, you may go to My Grades on the course menu and click the score link to check the results and feedback.   Your homework should be graded on a scale of 0-100 points no later than two weeks after submission.

Comet Creed

This creed was voted on by the UT Dallas student body in 2014. It is a standard that Comets choose to live by and encourage others to do the same:

"As a Comet, I pledge honesty, integrity, and service in all that I do."

UT Dallas Syllabus Policies and Procedures

The information contained in the following link constitutes the University's policies and procedures segment of the course syllabus.

Please go to http://go.utdallas.edu/syllabus-policies for these policies.

The descriptions and timelines contained in this syllabus are subject to change at the discretion of the Professor.